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(71) Applicant (for all designated States except US): **BTG INTERNATIONAL LIMITED** [GB/GB]; 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **TURNER, Christopher, Gordon, Gervase** [GB/GB]; 53 Brill Road, Oakley, Bucks HP18 9QN (GB). **McMURRAY, John** [ZA/ZA]; Alberton, 1457 Gauteng (ZA).

(74) Agent: **KIDD, Piers, Burgess**; BTG International Limited, 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).

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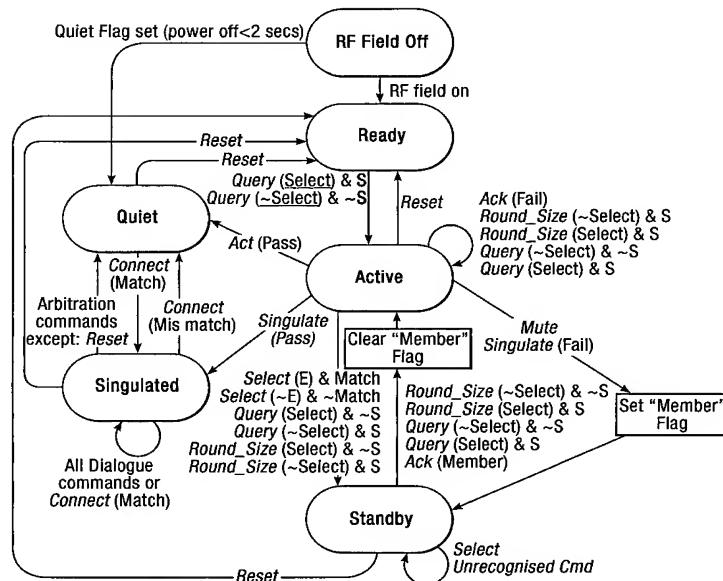
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(54) Title: RFID GROUP SELECTION METHOD



(57) Abstract: The invention describes a selection and arbitration method for reading a population of RFID transponders (tags). The transponders are selected or de-selected individually, or in one or more groups, using one or more command signals from a reader. The command signals from the reader include selection or de-selection criteria for selecting or de-selecting transponders by moving them between different states by setting or resetting a command flag, such as a flip-flop, in the transponders. The different transitional states include a Ready state, an Active state, a Standby state, a Singulated state and a Quiet state.